

Tracker

You are to implement a object tracing algorithm that will track a object in video.
Tracking should be visualized by bounding box around object.

Basic version should use a reference image of object that will be then tracked on video
example of such image-video pair is provided by dr Szmigielski at location :

- `public/aszmigie/MWREnglish/MWRpila.tar.gz`

It is possible to write a version for extra 10 point in which no reference picture is used, instead it is possible to pause a video and draw a rectangle around object that is to be tracked.
It should be possible to reset tracking (choose new object). In this version there should be additional parameter that limits maximum amount of frames per second.

Example of video for tracking can be found at

- `pj/public/pgnys/PYTHON/PoliceChase.flv`

Suggested tutorials :

- <https://www.learnopencv.com/object-tracking-using-opencv-cpp-python/>